

ABSTRACT OF THE DISCLOSURE

This invention has as its object to provide an image sensing apparatus which can satisfactorily correct misregistration among images, and can composite the images. To achieve this object, an image sensing apparatus includes: a plurality of apertures that receives external light from different positions; a plurality of image sensing units that outputs image signals obtained by independently receiving light that comes from an identical position of an object and is received via the plurality of apertures, and independently extracting predetermined color components for each received light; and a signal processing device that forms a signal that outputs an object image by mixing the image signals output from the plurality of image sensing units. When it is determined that a predetermined position deviation occurs between the image signals upon forming the signal that outputs the object image, the signal processing device corrects the predetermined position deviation by a signal process, and forms the signal that outputs the object image.